

RFCs APPLIED IN WINDOWS 2000

The following tables contain the RFCs that the authors believe will be of interest to you. They have been compiled and organized by category for your benefit. The actual RFC documents can be viewed at www.rfc-editor.org/.

General TCP/IP Standards

RFC #	Description
768	User Datagram Protocol (UDP)
791	Internet Protocol (IP)
792	Internet Control Message Protocol (ICMP)
793	Transmission Control Protocol (TCP)
816	Fault Isolation and Recovery
826	Address Resolution Protocol (ARP)
862	Echo Protocol (ECHO)
863	Discard Protocol (DISCARD)
864	Character Generator Protocol (CHARGEN)
865	Quote of the Day Protocol (QUOTE)
867	Daytime Protocol (DAYTIME)
894	A Standard for the Transmission of IP Datagrams over Ethernet Networks
919	Broadcasting Internet Datagrams
950	Internet Standard Subnetting Procedure
1122	Requirements for Internet Hosts—Communication Layers
1123	Requirements for Internet Hosts—Application and Support
1157	Simple Network Management Protocol (SNMP)
1179	Line Printer Daemon Protocol
1188	A Proposed Standard for the Transmission of IP Datagrams over FDDI Networks
1191	Path MTU Discovery
1323	TCP Extensions for High Performance
1518	An Architecture for IP Address Allocation with CIDR
1519	Classless Inter-Domain Routing (CIDR): An Address Assignment and Aggregation Strategy
1878	Variable Length Subnet Table for IPv4
2018	TCP Select Acknowledgment Options

Network Services

RFC #	Description
783	Trivial File Transfer Protocol (TFTP)
854	Telnet Protocol Specification (TELNET)
951	The Bootstrap Protocol (BOOTP)
959	File Transfer Protocol (FTP)
1001	Protocol Standard for a NetBIOS Service on a TCP/UDP Transport: Concepts and Methods
1002	Protocol Standard for a NetBIOS Service on a TCP/UDP Transport: Detailed specifications
1034	Domain Names—Concepts and Facilities—Updated by #2181
1035	Domain Names—Implementation and Specification—Updated by #1995, #2052, #2137, and #2181
1534	Interoperation Between DHCP and BOOTP
1542	Clarifications and Extensions for the Bootstrap Protocol
1886	DNS Extensions to Support IP Version 6
1918	Address Allocation for Private Internets
1995	Incremental Zone Transfer in DNS
1996	A Mechanism for Prompt DNS Notification of Zone Changes
2052	A DNS RR for specifying the location of services (DNS SRV)
2131	Dynamic Host Configuration Protocol (DHCP)
2132	DHCP Options and BOOTP Vendor Extensions
2136	Dynamic Updates in the Domain Name System (DNS Update)
2137	Secure Domain Name System Dynamic Update
2181	Clarifications to the DNS Specification
2241	DHCP Options for Novell Directory Services
2242	Netware/IP Domain Name and Information
2308	Negative Caching of DNS Queries (DNS NCACHE)
2322	Management of IP numbers by peg-dhcp
2782	A DNS RR for Specifying the Location of Services (DNS SRV)
2535	Domain Name System Security Extensions
2845	Secret Key Transaction Authentication for DNS (TSIG)
2930	Secret Key Establishment for DNS (TKEY RR)

Security

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RFC #	Description
1510	The Kerberos Network Authentication Service (V5)
1828	IP Authentication using Keyed MD5
1829	The ESP DES-CBC Transform
1964	The Kerberos Version 5 GSS-API Mechanism
2085	HMAC-MD5 IP Authentication with Replay Prevention
2104	HMAC: Keyed-Hashing for Message Authentication
2284	PPP Extensible Authentication Protocol (EAP)
2401	Security Architecture for the Internet Protocol
2402	IP Authentication Header
2403	The Use of HMAC-MD5-96 within ESP and AH
2404	The Use of HMAC-SHA-1-96 within ESP and AH
2405	The ESP DES-CBC Cipher Algorithm With Explicit IV
2406	IP Encapsulating Security Payload (ESP)
2407	The Internet IP Security Domain of Interpretation for ISAKMP
2408	Internet Security Association and Key Management Protocol (ISAKMP)
2409	The Internet Key Exchange (IKE)
2410	The NULL Encryption Algorithm and Its Use With IPsec
2411	IP Security Document Roadmap
2412	The OAKLEY Key Determination Protocol
2716	PPP EAP TLS Authentication Protocol
2559	Internet X.509 Public Key Infrastructure Operational Protocols—LDAPv2

Routing and Remote Access

RFC #	Description
922	Broadcasting Internet Datagrams in the Presence of Subnets
1009	Requirements for Internet Gateways
1058	Routing Information Protocol
1112	Host extensions for IP multicasting
1245	OSPF Protocol Analysis
1246	OSPF Experience
1256	ICMP Router Discovery Messages
1301	Multicast Transport Protocol
1458	Requirements for Multicast Protocols
1597	Address Allocation for Private Internets

RFC #	Description
1631	The IP Network Address Translator (NAT)
1721	RIP Version 2 Protocol Analysis
1722	RIP Version 2 Protocol Applicability Statement
1723	RIP Version 2 Carrying Additional Information
1812	Requirements for IP Version 4 Routers
1889	RTP: A Transport Protocol for Real-Time Applications
1890	RTP Profile for Audio and Video Conferences with Minimal Control
2090	TFTP Multicast Option
2125	The PPP Bandwidth Allocation Protocol (BAP)—The PPP Bandwidth Allocation Control Protocol (BACP)
2138	Remote Authentication Dial In User Service (RADIUS)
2139	RADIUS Accounting
2236	Internet Group Management Protocol, Version 2
2328	OSPF Version 2
2453	RIP Version 2
2548	Microsoft Vendor specific RADIUS Attributes
2637	Point-to-Point Tunneling Protocol (PPTP)
2661	Layer Two Tunneling Protocol “L2TP”
2663	IP Network Address Translator (NAT) Terminology and Considerations
2869	RADIUS Extensions
3022	Traditional IP Network Address Translator (Traditional NAT)

X.500 and Active Directory

RFC #	Description
2247	Using Domains in LDAP/X.500 Distinguished Names
2251	LDAP, Lightweight Directory Access Protocol (v3)
2252	Lightweight Directory Access Protocol (v3): Attribute Syntax Definitions
2253	Lightweight Directory Access Protocol (v3): UTF-8 String Representation of Distinguished Names
2254	The String Representation of LDAP Search Filters
2256	A Summary of the X.500(96) User Schema for use with LDAPv3
2293	Representing Tables and Subtrees in the X.500 Directory
2377	Naming Plan for Internet Directory-Enabled Applications